

**IN THE CLAIMS:**

The following listing of the claims represents the claims now present in this application. This listing supersedes and replaces all prior claim listings. Please amend claims 1, 14, 19 and 36 as follows:

**Listing of Claims**

1. (Currently Amended) A dialog control device to customize dialog between a user and a robot characterized by comprising:

memory means for storing various pieces of information appendant to an object as values corresponding to respective items of the object, wherein the various pieces of information are acquired by the robot by one of a voice recognition process and visual recognition of a user; and conversation generation means for (a) selecting, in response to an item of said object defined as a topic about the user, another topic about the user relating to the topic used in the immediately preceding conversation and (b) generating (1) an acquisition conversation for acquiring the value of the item selected as the topic or (2) a utilization conversation for utilizing the value of the item in the topic already stored in said memory means as the next conversation; said conversation generation means being adapted to store the acquired value, acquired by said acquisition conversation, as the value of the corresponding item, wherin the dialog control device makes a conversation with the user that is customized for the user.

2. (Original) The device according to claim 1, wherein

said conversation generation means selects any other item of the same object to which the topic used in said immediately preceding conversation belongs as the next topic and generates said utilization conversation by utilizing the value of the item already stored in said memory

means.

3. (Original) The device according to claim 1, wherein  
said conversation generation means selects an item relating to the same object to which  
the topic used in said immediately preceding conversation belongs as the next topic and  
generates said utilization conversation by utilizing the value of the item already stored in said  
memory means.

4. (Original) The device according to claim 1, wherein  
said conversation generation means selects any of the items of said object identifiable  
from the value of the item of the topic used in said immediately preceding conversation as the  
next topic and generates said utilization conversation by utilizing the value of said any of the  
items already stored in said memory means.

5. (Original) The device according to claim 1, wherein  
said conversation generation means selects the item of said object same as the topic used  
in said immediately preceding conversation as the next topic and generates said utilization  
conversation by utilizing the value of the item already stored in said memory means.

6. (Original) The device according to claim 1, wherein  
said conversation generation means selects the same item of another object having a  
value same as the value of the item of the topic used in said immediately preceding conversation  
as the next topic and generates said utilization conversation by utilizing the value of the same

item already stored in said memory means.

7. (Original) The device according to claim 1, wherein  
said conversation generation means selects an item of another object relating to the value  
of the item of the topic used in said immediately preceding conversation as the next topic and  
generates said utilization conversation by utilizing the related value already stored in said  
memory means.
  
8. (Original) The device according to claim 1, wherein  
said conversation generation means selects any other item of the same object to which the  
topic of said immediately preceding conversation belongs as the next topic and generates said  
acquisition conversation in order to acquire the value of said any other item.
  
9. (Original) The device according to claim 1, wherein  
said conversation generation means selects an item relating to the same object to which  
the topic used in said immediately preceding conversation belongs as the next topic and  
generates said acquisition conversation in order to acquire the value of the related item.
  
10. (Original) The device according to claim 1, wherein  
said conversation generation means selects any of the items of said object identifiable  
from the value of the item of the topic used in said immediately preceding conversation as the  
next topic and generates said acquisition conversation in order to acquire the value of said any of  
the items.

11. (Original) The device according to claim 1, wherein  
said conversation generation means generates said utilization conversation by utilizing a  
matter that can be acquired on the basis of the value of the item of said selected topic.
  
12. (Original) The device according to claim 1, wherein  
said conversation generation means includes:  
memory acquisition conversation generation means for generating said acquisition  
conversation;  
memory utilization conversation generation means for generating said utilization  
conversation;  
situation judgment means for selecting either said memory acquisition conversation  
generation means or said memory utilization conversation generation means and have said  
memory acquisition conversation generation means or said memory utilization conversation  
generation means, whichever selected, generate said next conversation.
  
13. (Original) The device according to claim 12, wherein  
said situation judgment means judges to have either said memory acquisition  
conversation generation means generate said acquisition conversation or said memory utilization  
conversation generation means generate said utilization conversation on the basis of the first  
extent that is the ratio of the number of items whose values are not acquired relative to the total  
number of items of the dialog partner and the second extent that is the ratio of the number of  
items whose values are acquired relative to the total number of items of said dialog partner.

14. (Currently Amended) The device according to claim [[12]] 13, wherein  
said situation judgment means has said memory acquisition conversation generation means  
generate said acquisition conversation when said first extent is greater than said second extent  
but has said memory utilization conversation generation means generate said utilization  
conversation when said first extent is smaller than said second extent.

15. (Original) The device according to claim 1, wherein  
said conversation generation means holds history of the used topics and generates said  
acquisition conversation or said utilization conversation by referring to the history.

16. (Original) The device according to claim 15, wherein  
said conversation generation means generates said acquisition conversation or said  
utilization conversation so as not to use the same topic in a single dialog with the same dialog  
partner by referring to the history.

17. (Original) The device according to claim 1, wherein  
said memory means stores the values of the items of said object along with their  
respective degrees of impression that provide reference for deciding if any of the values may be  
used in the conversations with said object or not and  
said conversation generation means selects the topic to be used in the next conversation  
on the basis of the degree of impression thereof.

18. (Original) The device according to claim 17, characterized by further comprising:
- internal condition management means adapted to hold parameters indicating the internal condition and change the values of the parameters according to external stimuli;
- each of said degrees of impression representing the difference of the parameter values of the corresponding parameter held by said internal condition management means before and after the acquisition of the corresponding value.
19. (Currently Amended) A dialog control method to customize dialog between a user and a robot comprising:
- a first step of storing various pieces of information appendant to an object as values corresponding to respective items of said object, wherein the various pieces of information are acquired by the robot by one of a voice recognition process and visual recognition of a user;  
[[and]]
- a second step of selecting, in response to an item of said object defined as a topic about the user, another topic about the user relating to the topic used in the immediately preceding conversation; and
- a third step of generating (a) an acquisition conversation for acquiring the value of said item selected as the topic or (b) a utilization conversation for utilizing the value of the item in the already stored topic as the next conversation;
- the acquired value, acquired by the acquisition conversation, being stored in the second step as the value of said corresponding item, wherein the robot makes a conversation with the user that is customized for the user.

20. (Original) The method according to claim 19, wherein  
any other item of the same object to which the topic used in said immediately preceding conversation belongs is selected as the next topic and said utilization conversation is generated by utilizing the value of the item already stored in said memory means in said second step.
21. (Original) The method according to claim 19, wherein  
an item relating to the same object to which the topic used in said immediately preceding conversation belongs is selected as the next topic and said utilization conversation is generated by utilizing the value of the item already stored in said memory means in said second step.
22. (Original) The method according to claim 19, wherein  
any of the items of said object identifiable from the value of the item of the topic used in said immediately preceding conversation is selected as the next topic and said utilization conversation is generated by utilizing the value of said any of the items already stored in said memory means in said second step.
23. (Original) The method according to claim 19, wherein  
the item of said object same as the topic used in said immediately preceding conversation is selected as the next topic and said utilization conversation is generated by utilizing the value of the item already stored in said memory means in said second step.
24. (Original) The method according to claim 19, wherein  
the same item of another object having a value same as the value of the item of the topic

used in said immediately preceding conversation is selected as the next topic and said utilization conversation is generated by utilizing the value of the same item already stored in said memory means in said second step.

25. (Original) The method according to claim 19, wherein  
an item of another object relating to the value of the item of the topic used in said  
immediately preceding conversation is selected as the next topic and said utilization conversation  
is generated by utilizing the related value already stored in said memory means in said second  
step.
26. (Original) The method according to claim 19, wherein  
any other item of the same object to which the topic of said immediately preceding  
conversation belongs is selected as the next topic and said acquisition conversation is generated  
in order to acquire the value of said any other item in said second step.
27. (Original) The method according to claim 19, wherein  
an item relating to the same object to which the topic used in said immediately preceding  
conversation belongs is selected as the next topic and said acquisition conversation is generated  
in order to acquire the value of the related item in said second step.
28. (Original) The method according to claim 19, wherein  
any of the items of said object identifiable from the value of the item of the topic used in  
said immediately preceding conversation is selected as the next topic and said acquisition

conversation is generated in order to acquire the value of said any of the items in said second step.

29. (Original) The method according to claim 19, wherein  
said utilization conversation is generated by utilizing a matter that can be acquired on the basis of the value of the item of said selected topic in said second step.

30. (Original) The method according to claim 19, wherein  
it is judged to generate either said acquisition conversation or said utilization conversation on the basis of the first extent that is the ratio of the number of items whose values are not acquired relative to the total number of items of the dialog partner and the second extent that is the ratio of the number of items whose values are acquired relative to the total number of items of said dialog partner in said second step.

31. (Original) The method according to claim 30, wherein  
said acquisition conversation is generated when said first extent is greater than said second extent but said utilization conversation is generated when said first extent is smaller than said second extent in said second step.

32. (Original) The method according to claim 19, wherein  
history of the used topics is held and said acquisition conversation or said utilization conversation is generated by referring to the history in said second step.

33. (Original) The method according to claim 32, wherein  
said acquisition conversation or said utilization conversation is generated so as not to use  
the same topic in a single dialog with the same dialog partner by referring to the history in said  
second step.

34. (Original) The method according to claim 19, wherein  
the values of the items of said object are stored along with their respective degrees of  
impression that provide reference for deciding if any of the values may be used in the  
conversations with said object or not in said first step, and  
the topic to be used in the next conversation is selected on the basis of the degree of  
impression thereof in said second step.

35. (Original) The method according to claim 34, wherein  
parameters indicating the internal condition are held and the values of the parameters are  
changed according to external stimuli in said first step;  
each of said degrees of impression representing the difference of the parameter values of  
the corresponding parameter held by said internal condition management means before and after  
the acquisition of the corresponding value.

36. (Currently Amended) A robot device that customizes dialog with a user comprising:  
memory means for storing various pieces of information appendant to an object as values  
corresponding to respective items of the object, wherein the various pieces of information are  
acquired by the robot by one of a voice recognition process and visual recognition of the user;

and

conversation generation means for (a) selecting, in response to an item of said object defined as a topic about the user, another topic about the user relating to the topic used in the immediately preceding conversation and (b) generating (1) an acquisition conversation for acquiring the value of the item selected as the topic or (2) a utilization conversation for utilizing the value of the item in the topic already stored in said memory means as the next conversation;

said conversation generation means being adapted to store the acquired value, acquired by the acquisition conversation, in said memory means as the value of the corresponding item, wherein the robot makes a conversation with the user that is customized for the user.